

**Safety Evaluation Report (SER)
of Proposed Authorization Basis Amendment Request
ABCN-W375-00-00056
to the Quality Assurance Program (QAP)
for the River Protection Project – Waste Treatment Plant (RPP-WTP)
by the Office of Safety Regulation (OSR)**

1. Introduction

The RPP-WTP authorization basis is the safety basis for the RPP-WTP and is the benchmark used to evaluate the safety implications of changes made to the facility design, operations, or administrative controls. The authorization basis for the RPP-WTP includes the QAP. The QAP defines the management system used by the RPP-WTP Contractor to ensure items, services, or processes meet or exceed requirements. By letter dated February 12, 2001, the Contractor submitted a proposed revision to the QAP.¹ In response to OSR questions included in a letter dated February 27, 2001², the Contractor provided supplemental information in a letter dated February 28, 2001.³

2. Background

The proposed amendment updates the QAP to reflect a change in contractors from CH2M Hill Hanford Group (CHG) to Bechtel National, Inc. (BNI). The changes are limited to changes in company titles, organizational changes corresponding to the new BNI management structure, and the correction of typographical errors. The more significant changes are where the organizational structure effects QA roles, responsibilities, and authorities.

3. Evaluation

In its review of the proposed changes, the OSR confirmed that the QAP remained in compliance with the requirements of 10 CFR 830, Subpart A⁴ and DOE/RL-96-0006.⁵ The OSR verified that the changes were limited to those described in the Authorization Basis Change Notice (ABCN) and that the ABCN correctly described the changes. The OSR confirmed that QA roles, responsibilities, and authorities contained in the currently approved version of the QAP (Rev. 7) were continued in the proposed revision (Rev. 7A).

The OSR had questions that were addressed by the Contractor in the correspondence noted above. Based on its review of the ABCN, proposed revision 7A, and the question responses from the Contractor, the OSR determined that the proposed changes did not affect or conflict with the existing AB and did not decrease the effectiveness or level of commitment of the current QAP.

¹ Letter, A. Veirup, BNI, to M. Barrett, ORP, "Contract No. DE-AC27-01RV14136 – Quality Assurance Program, Revision 7A," dated February 12, 2001, CCN 018191.

² 01-OSR-0063, Letter, W. Taylor, ORP, to R. Naventi, BNI, "Contract No. DE-AC27-01RV14136 – Questions on Authorization Basis Change Notice ABCN-W375-00-00056 and Associated Quality Assurance Program Revision 7A," dated February 27, 2001.

³ Letter, A. Veirup, BNI, to M. Barrett, ORP, "Contract No. DE-AC27-01RV14136 – Response to Questions on Authorization Basis Change Notice, ABCN-W375-00-00056 and Associated Quality Assurance Program, Revision 7A," dated February 28, 2001, CCN 018742.

⁴ Section 10 Code of Federal Regulations Part 830, *Nuclear Safety Management*, Subpart A, "Quality Assurance Requirements."

⁵ DOE/RL-96-0006, *Top-Level Radiological, Nuclear, and Process Safety Standards and Principles for the RPP Waste Treatment Plant Contractor*, Section 4.1.6, "Quality Assurance," Rev. 2, 2001.

4. Conclusion

On the basis of the considerations described above, the OSR has concluded that there is reasonable assurance that the health and safety of the public and the workers will not be adversely affected by this proposed amendment. The proposed amendment complies with applicable laws, regulations, and RPP-WTP contractual requirements. Accordingly, based on this evaluation, the OSR approves the amendment to the QAP as proposed by ABCN-W375-00-00056.